

Notice of Allowability

Application No.

10/676,375

Examiner

Daniel I. Walsh

Applicant(s)

JONES, ROBERT

Art Unit

2876

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8-13-07.

2. ☒ The allowed claim(s) is/are 1-14, ¹⁷⁻²⁰ and 24-40.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 8-07

4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 10-07.

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

DETAILED ACTION

1. Receipt is acknowledged of the IDS received on 8-14-07 and the Amendment received on 8-13-07.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Joel Meyer on 10-26-07.

The application has been amended as follows:

Replace claim 1 with:

1. An identification document comprising:
document layers, including two or more printed image layers;
the image layers having different ink properties that when illuminated in different illumination bands become detectable in a detection band;
the image layers being arranged relative to each other and depicting an object from different perspectives to collectively create a three dimensional appearance of the object in response to being strobed with illumination in the illumination bands corresponding to the image

layers, the printed image layers representing a two dimensional representation of the object when not responding to the illumination in the illumination bands.

Replace claim 14 with:

14. An identification document comprising:

document layers, including two or more printed image layers, wherein the image layers are not human visible when illuminated in the human visible band;

the image layers having different ink properties that when illuminated in different illumination bands become detectable in a detection band;

the image layers being arranged relative to each other to collectively create a moving image effect when strobed with illumination in the illumination bands corresponding to the image layers, the printed image layers representing a stationary image effect when not responding to the illumination in the illumination bands.

Re claim 17: Replace "16" with -- 14 --.

Cancel claims 21-22

Replace claim 24 with:

24. An identification document comprising:

document layers, including two or more printed image layers;

the image layers having different ink properties that when illuminated in different illumination bands become detectable in a detection band; the image layers being arranged relative to each other to collectively create a moving image effect when strobed with illumination in the illumination bands corresponding to the image layers; wherein the image layers depict an object;

each image layer depicting a different position of the object, wherein the object appears to move when strobed;

and wherein the image layers are interleaved over an area on the document such that when strobed, a viewer sees the different positions of the object and perceives a moving object effect in the area of document, the printed image layers representing a stationary image effect when not responding to the illumination in the illumination bands.

Replace claim 26 with:

26. An identification document comprising:

document layers, including two or more printed image layers;

the image layers having different ink properties that when illuminated in different illumination bands become detectable in a detection band;

the image layers being arranged relative to each other to collectively create a moving image effect when strobed with illumination in the illumination bands corresponding to the image layers;

wherein the image layers include segments of a machine readable code such that when strobed, the machine readable code becomes detectable in a composite image formed from the

image layers, the printed image layers representing a stationary image effect when not responding to the illumination in the illumination bands.

Replace claim 28 with:

28. A method of making an identification document comprising:

generating image layers depicting an object from different perspectives;

printing the image layers with inks having different properties such that when the inks are illuminated in different illumination bands, the ink layers printed with the inks become detectable in a detection band;

the image layers being arranged relative to each other to collectively create a three dimensional appearance when strobed with illumination in the illumination bands corresponding to the image layers, the printed image layers representing a two dimensional representation of the object when not responding to the illumination in the illumination bands

Replace claim 31 with:

31. A method of making an identification document comprising:

generating image layers depicting an object from different perspectives;

printing the image layers with inks having different properties such that when the inks are illuminated in different illumination bands, the ink layers printed with the inks become detectable in a detection band;

the image layers being arranged relative to each other to collectively create a moving image effect when strobed with illumination in the illumination bands corresponding to the

image layers, the printed image layers representing a stationary image effect of the object when not responding to the illumination in the illumination bands

Replace claim 37 with:

37. A method of verifying an identification document comprising:

strobing an area on the document with illumination in different illumination bands, the document including two or more image layers depicting an object;

each image layer depicting within the area, a different position or perspective of the object;

each of the layers being printed with inks in the area having different illumination bands that cause the object to be detectable in a detection band;

detecting a moving image or three dimensional appearance of the object in the detection band caused by the strobing, the printed image layers representing a stationary image effect of the object when the different positions are not responding to the illumination in the illumination bands or a two dimensional representation of the object when the different perspectives are not responding to the illumination in the illumination bands

Allowable Subject Matter

3. Claims 1-14, 17-20, and 24-40 are allowed.

4. The following is an examiner's statement of reasons for allowance: The prior art of record fails to teach the limitations of the independent claims, including that document with the different image layers having different ink properties arranged relative to each other depicting an object from different perspectives or different positions of the object to collectively create a three dimensional or moving appearance of the object when strobed with illumination in the illumination bands of the image layers and wherein the image layers represent a two dimensional or stationary representation of the object when not responding to the illumination, and a method for making/verifying such documents.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure (See PTO-892).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel I. Walsh whose telephone number is (571) 272-2409. The examiner can normally be reached on M-F 7:30-4:00.

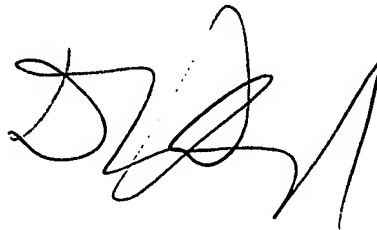
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on (571) 272-2398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Daniel I Walsh
Examiner
Art Unit 2876

A handwritten signature in black ink, appearing to be 'DW', with a long, sweeping horizontal stroke extending to the right.

DANIEL WALSH
PRIMARY EXAMINER